



Rewrite claim 1 to read, in its entirety:

1. A method of detecting missing parts in a workpiece comprising a plurality of parts, comprising the steps of:

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- a) moving the workpiece relative to a bar code reader;
 - b) detecting a line image across the workpiece with the bar code reader, producing a signal output representative of the line image;
 - c) deriving a processed signal from the signal output of the bar code reader;
 - d) comparing the processed signal to a reference signal representing a workpiece without missing parts; and
 - e) indicating if the processed signal does not match the reference.
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Rewrite claim 19 to read, in its entirety:

19. A missing part detection system for detection of missing parts in a workpiece having a plurality of parts, comprising:

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- a) a light source for illuminating the workpiece; and
 - b) a light sensitive array for detecting a line image of the workpiece, produced by said light source, having a signal output representative of the detected line image; and
 - c) a signal processing circuit having an input coupled to the signal output of the light sensitive array, and an output, such that the signal output of the light sensitive array is compared to a reference signal representative of a complete workpiece without missing parts, and the output of the signal processing circuit producing a signal when the comparison indicates a part is missing.
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Rewrite claim 21 to read, in its entirety: